SJ-LR08 Wireless Sound Beacon User's Manual

Please read the User's Manual carefully in order to proper installation!

I. Description

The wireless sound beacon (hereinafter referred to as "the sound beacon") , is matched with LoRaWAN system products, incorporates a built-in wireless communication module. In operating mode, indicator (green) flashes every 30s. If fire breaks out, indicator (red) remains on, and provide an alert signal or evacuation signal (audio& visual) while receive alarm signal from host. The sound beacon could be reset on SANJIANG Cloud app.

The sounder beacon could be installed in high-rise flats, public area, hotel, factory, mall, hospital, etc. Especially suitable for poor visibility or somggy circumstance.

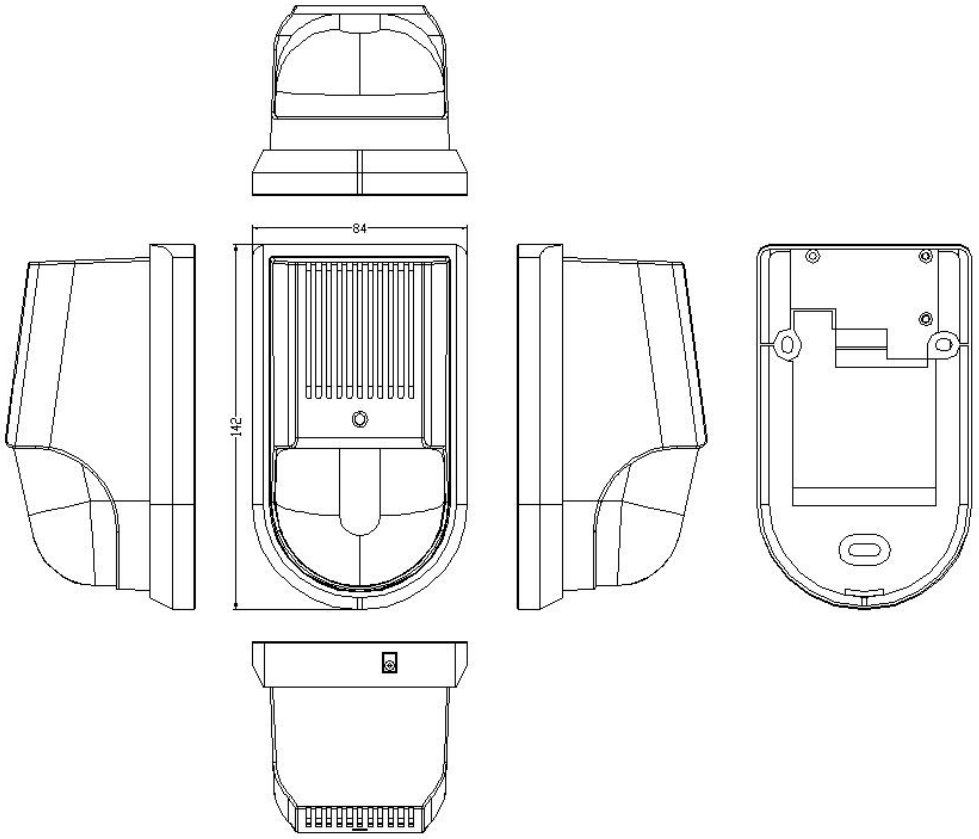
II. Product features

1. Easy installation, commission and maintenance.
2. Compatible with DC3.7V rechargeable battery, 2×DC1.5V batteries, 24V AC adapter
3. Consist of white light LED, long lifespan.

III. Technical parameters

1. Operating voltage: main power DC24V; backup power DC3V
2. Quiescent current: ＜15mA@DC24V
3. Alarm current: ＜65mA@DC24V
4. Indicator: operating: indicator(green) flashes once per 30s; alarm: indicator(red) remains on; low voltage: indicator (green) flashes once per 30s
5. Flash frequency: 1Hz~2Hz
6. Sound output: 80dB
7. Temperature range: -10℃~50℃
8. Humidity: 0% to 95% RH (40℃±2℃，no condensation)
9. Standards: GB 26851-2011

IV. Dimensions



V. Installation and commission

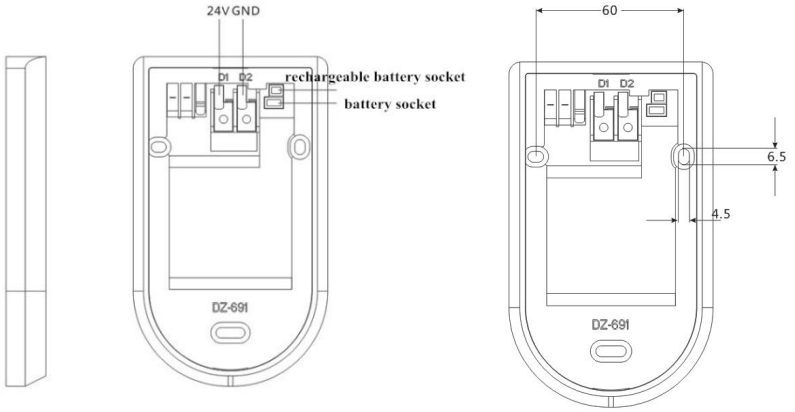


Fig.1

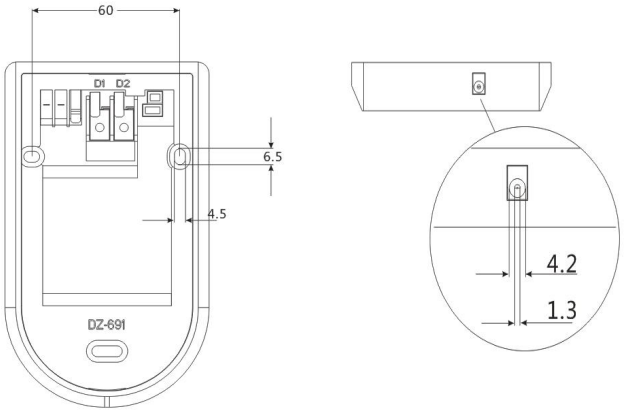


Fig.2

1. Install DZ-LR08 with 2×M4 screws, and make sure it has been install steadily.
2. Rechargeable battery can be installed on base, plug in rechargeable battery socket (battery plug in battery socket)
3. Install the sounder beacon on base. The sounder beacon operates with indicator (green) flashes per 30s.
4. If the sounder beacon receive alarm signals, indicator (red) will remain on, and provide alert

(audio& visual). The sounder beacon will stop alert after press “SLIENCE” button in SANJIANG Cloud app, and the indicator turns green (flash per 30s).

5. Please charge battery when battery voltage is low. Fig.2 is charge socket.

VI. Troubleshooting

Problem	Cause	Solution
Not alarm (audio or visual)	AC adapter does not connected well/ battery low voltage	Re-plug into socket/ charge the battery
	Initial circuit fault	Send back to manufacturer and repair
	No link to host	Check indicator light up or not

VII. Maintenance

1. Please debug the sound beacon at least once every three months.
2. Normally, battery’s lifespan up to three years. However, poor conditions such as high temperature and/or humidity will short it lifespan.
3. If the sound beacon fault, please don’t repair by yourself. Contact our service center, and we will help as soon as possible.

VIII. Warning

1. Please don’t install the sound beacon in high temperature or high humidity circumstance.
2. After installation, please make sure sound and LED do not been block.
3. After installation, the sound beacon should be tested immediately. Before that, it should be preserved properly and be kept away from dusty, humidity or corrosive circumstances.

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